

Water-Data Report 2006

261347081351701 Local number C 948.

Intermediate aquifer system
Hawthorn Limestone Aquifer

Collier County, FL

LOCATION.--Lat 26°13'48.0", long 81°35'16.0" referenced to North American Datum of 1983, in NW ¼ NW ¼ sec.11, T.49 S., R.27 E., Collier County, FL, Hydrologic Unit 03090204, 30 ft east of canal, 500 ft west of 10th Street SE, 100 ft south of Golden Gate Boulevard, 12.9 mi northwest of Collier County Government Center.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 420 ft. Upper casing diameter 6 in., top of first opening 370 ft, bottom of last opening 420 ft. Artesian well, open hole 370 to 420 ft.

DATUM.--Land-surface datum is 12.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4 in plug, 15.20 ft above National Geodetic Vertical Datum of 1929, Aug. 17, 2001, to present. Prior to May 2001, measuring point was top of gate valve, 12.35 ft above NGVD.

PERIOD OF RECORD.--October 1984 to April 2001 (Monthly), May 2001 to current year. See REMARKS.

GAGE.--Satellite data collection platform with pressure transducer.

REMARKS.--Records of water level as elevation, in ft NGVD, for Water Year 2006 are under review and not available for release at time of publication.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 37.6 ft NGVD, Nov. 25, 1987, Jan. 28, 1988 and Sept. 28, 1995; lowest daily maximum water level, 28.13 ft NGVD, June 1, 2006.